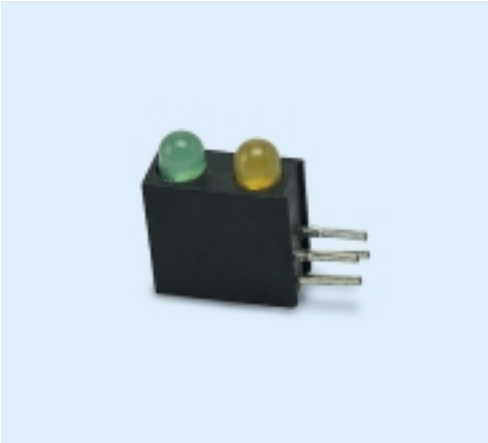
Technical Data Sheet
ARRAY

A694B/IUB/S405



Features

- Low power consumption
- High efficiency and low cost
- Good control and free combinations on the colors of LED lamps
- Good lock and easy to assembly
- Stackable and easy to assembly
- Stackable vertically and easy to assembly
- Versatile mounting on PCB or panel
- Stackable horizontally and easy to assembly

Descriptions

- ARRAY=Plastic Holder + Combination of Lamps
- The array with easily mount the applicable lamps on any panel

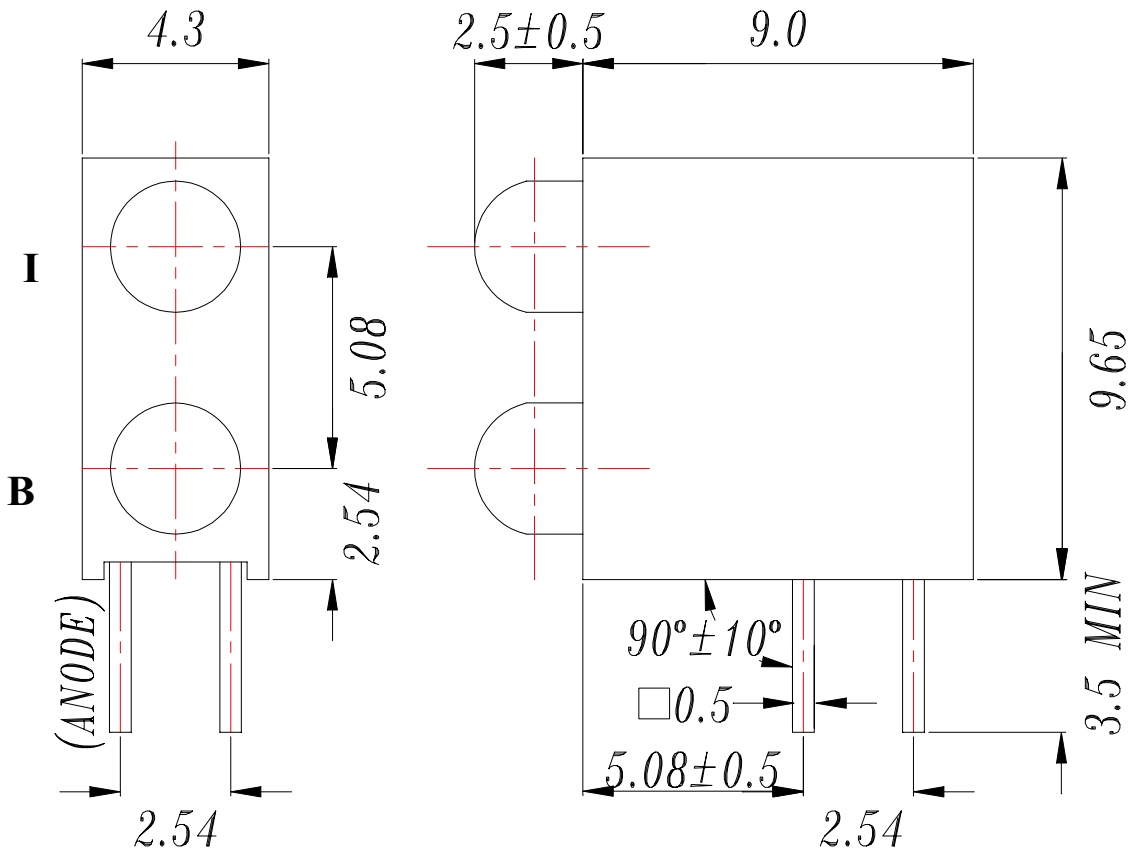
Applications

- Used as indicators of indicating the degrees,functions, positions etc,in electronic instruments

Device Selection Guide

LED Part No.	Chip		Lens Color
	Material	Emitted Color	
264-10ID	GaAsP/GaP	Hi-Eff Red	Red Diffused
264-10UBD/C430	InGaN/SiC	Blue	Blue Diffused

Package Dimensions



Notes:

- All dimensions are in millimeters,tolerance is 0.25mm except being specified.

• Lead spacing is measured where the lead emerges from the package

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Absolute Maximum Ratings (Ta=25℃)

Parameter	Symbol		Rating	Units
Forward Current	I_F	I	30	mA
		B	30	
Pulse Forward Current(Duty 1/10 @ 1KHz)	I_{FP}	I	160	mA
		B	70	
Operating Temperature	T_{opr}		-40 ~ +85	℃
Storage Temperature	T_{stg}		-40 ~ +100	℃
Soldering Temperature*2	T_{sol}		260± 5	℃
Power Dissipation	Pd	I	160	mW
		B	70	
Reverse Voltage	V_R		5	V

Notes: *1:I_{FP} Conditions--Pulse Width≦10msec and Duty≦1/10.

*2:Soldering time≦5 seconds.

Electro-Optical Characteristics (Ta=25℃)

Parameter	Symbol	Condition		Min.	Typ.	Max.	Units
Forward Voltage	V_F	I_F=20mA	I	1.7	2.1	2.4	V
			B	3.0	3.8	4.5	
Reverse Current	I_R	V_R=5V		--	--	10	μA
Luminous Intensity	I_V	I_F=10mA	I	2.5	10	--	mcd
			B	100	160		
Viewing Angle	2θ 1/2	I_F=20mA		--	60	--	deg
Peak Wavelenght	λ p	I_F=20mA	I	--	635	--	nm
			B		625		
Dominant Wavelenght	λ d	I_F=20mA		--	428	--	nm
					466		
Spectrum Radiation Bandwidth	△λ	I_F=20mA		--	30	--	nm

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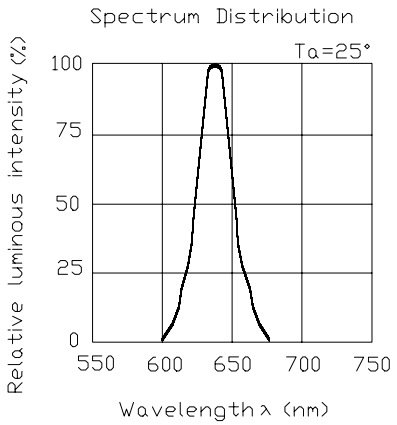
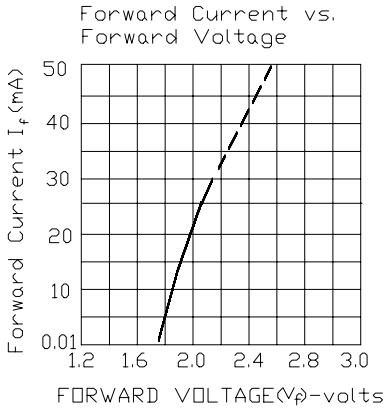
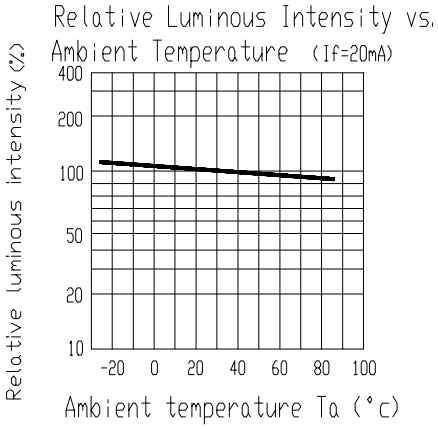
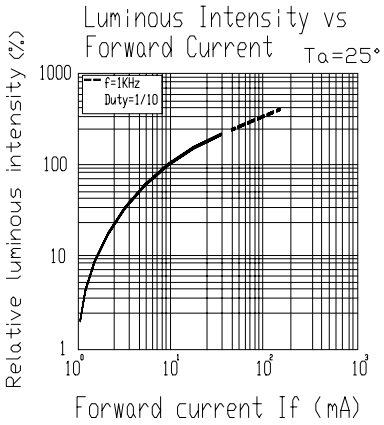
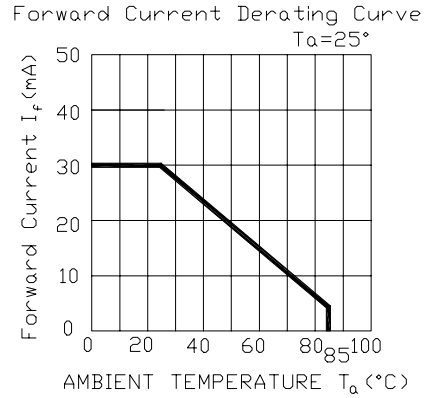
Typical Electro-Optical Characteristics Curves

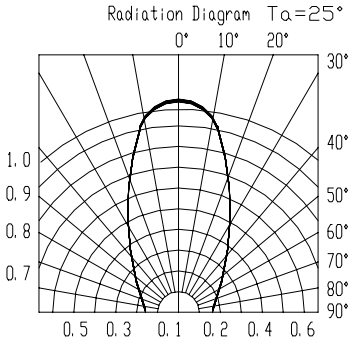












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